

SOUTH DAKOTA

Science and Engineering Profile

	S. Dakota	U.S.	Rank		S. Dakota	U.S.	Rank
Doctoral scientists, 1993	975	430,332	50	Total R&D performance, 1993 (millions)	\$58	\$161,427	51
Doctoral engineers, 1993	81	81,293	51	Industry R&D, 1993 (millions)	\$22	\$117,622	47
S&E doctorates awarded, 1995	17	26,482	51	Academic R&D, 1994 (millions)	\$22	\$20,573	51
of which, in life sciences	41%	24%		of which, in life sciences	58%	55%	
in psychology	24%	13%		in environmental sciences	17%	7%	
in social sciences	18%	15%		in engineering	13%	16%	
S&E postdoctorates, 1994				Higher education current-fund			
in doctorate-granting institutions	21	36,143	49	expenditures, 1993 (millions)	\$303	\$163,994	50
S&E graduate students, 1994				Number of SBIR awards, 1990-94	2	18,023	51
in doctorate-granting institutions	1,210	438,694	45	Patents issued to state residents, 1995	33	55,717	51
Population, 1995 (000s)	729	262,755	45	Gross state product, 1992 (billions)	\$15.1	\$5,994.1	47
Civilian labor force, 1995 (000s)	382	132,281	45	of which, agriculture	13%	2%	
Personal income per capita, 1995	\$19,506	\$22,788	38	manufacturing, mining, construction	14%	23%	
Federal spending				transportation, communication, utilities	8%	9%	
Total expenditures, 1995 (millions)	\$3,829	\$1,326,294	47	wholesale and retail trade	17%	16%	
R&D obligations, 1994 (millions)	\$26	\$65,654	51	finance, insurance, real estate	22%	18%	
				services	15%	20%	
				government	13%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in South Dakota by Agency and Performer: Fiscal Year 1994

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	26,481	10,979	0	2,710	9,893	1,346	1,553	51
Department of Agriculture	5,754	2,326	0	0	3,428	0	0	45
Department of Commerce	0	0	0	0	0	0	0	na
Department of Defense	601	8	0	40	553	0	0	51
Department of Energy	25	0	0	0	25	0	0	51
Dept. of Health & Human Services	4,658	774	0	255	1,338	1,346	945	47
Department of the Interior	6,138	3,602	0	2,238	298	0	0	27
Department of Transportation	619	0	0	11	0	0	608	49
Environmental Protection Agency	99	0	0	0	99	0	0	46
Nat'l Aeronautics & Space Admin.	5,485	4,269	0	166	1,050	0	0	35
National Science Foundation	3,102	0	0	0	3,102	0	0	50
State rank	51	46	na	50	51	44	41	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.